

19990509.qrp v01_n452.qrl.990509

Date: Sun, 9 May 1999 19:03:47 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1452

QRP-L Digest 1452

Topics covered in this issue include:

- 1) [39911] Regenerative audiodyne Rx
by "Steven Weber" <kd1jv@moose.ncia.net>
- 2) [39912] Re: National MPS-A20G spec?
by david fouchey <dafouchey@home.com>
- 3) [39913] FS: HFT9 Ant Tuner
by Richard Rood <fcs@juno.com>
- 4) [39914] Glowbug Tranceiver
by "Alan Fryer" <n3bj@hotmail.com>
- 5) [39915] Re: QRP-L Police
by "Vincent Ferme" <vferme@sprint.ca>
- 6) [39916] QRPp
by marklori@visuallink.com
- 7) [39917] Breeding Pair of Haggae !!??
by S LYON <sslyon@worldnet.att.net>
- 8) [39918] MAX294LPF source?
by marklori@visuallink.com
- 9) [39919] Re: Diode Matching
by Steve <smann@advi.net>
- 10) [39920] W9GR DSP kit
by Tom Bowman <tbowman@nbn.net>
- 11) [39921] Re: QRP-L Police
by wa8rxi@juno.com
- 12) [39922] W9GR DSP I for sale
by "Hugo W. Catta" <hugo@banet.net>
- 13) [39923] Re: Glowbug Tranceiver
by "Mike Silva" <mjsilva@jps.net>
- 14) [39924] K2
by Dan Copeland <kf0ov@alltel.net>
- 15) [39925] ruff nite!!
by "Down" <adown@sprint.ca>
- 16) [39926] QSLMaker (long)
by "John J. McDonough" <jjmcd@tm.net>
- 17) [39927] Re: HFT Ant Tuner
by Richard Rood <fcs@juno.com>
- 18) [39928] NC20 good (DX) and bad (slight chirp)
by Macstein@aol.com
- 19) [39929] Re: New ham!

- by Macstein@aol.com
- 20) [39930] QRP Rigs
by "Jim Crites" <crites@bigfoot.com>
- 21) [39931] test (don't read)
by "Radman" <radman@best.com>
- 22) [39932] K2 Update; Sierra ABX Schematic
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 23) [39933] Dayton: SPEAKER INFO
by aweiss@usd.edu (Ade Weiss W0RSP)
- 24) [39934] RE: MAX294LPF source?
by "Ed Tanton" <n4xy@att.net>
- 25) [39935] Re: QRP-L Police
by N7YA@aol.com
- 26) [39936] New QRP book?????????
by "John Burnley" <burnley-ia@worldnet.att.net>
- 27) [39937] Question: ZM-2 + HM-9
by sda <sda@bellsouth.net>
- 28) [39938] Re: NC20 Receiver problem
by "Dave Fifield" <fifield@pacbell.net>
- 29) [39939] Message from Spain.
by "Juan Jose Pastor Estornell" <juanjope@line-pro.es>
- 30) [39940] RE: QRP-L Police
by dave.g0dja@psilink.co.uk (Dave Ackrill)
- 31) [39941] Re: More fun with a sound card
by dave.g0dja@psilink.co.uk (Dave Ackrill)
- 32) [39942] Re: QRP Rigs
by Russ Dow <n7dw@garlic.com>
- 33) [39943] Re: QRP-L Police
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
- 34) [39944] INVITATION: June 6, "QRP P&P", NYC area!
by S LYON <sslyon@worldnet.att.net>
- 35) [39945] RE: New ham!
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 36) [39946] Re..disappointment
by Bob McKellar <bazooka@execulink.com>
- 37) [39947] Re: New ham!
by david fouchey <dafouchey@home.com>
- 38) [39948] Shareware to design front panel templates? and an SST mini-story...
by John Harper AA5YX/2 <aa5yx@juno.com>
- 39) [39949] FS:Ten-Tec Argo 556 QRP Xcvt
by russ behm <russbehm@silcom.com>
- 40) [39950] CW Sweepstakes Results
by "Brian J Keegan" <brimail@home.com>
- 41) [39951] "Hamfest" Portable Show-'n-Tell
by Bill & Merleigh Jones <kd7s@psnw.com>
- 42) [39952] Re: Diode Matching for the 2N2/40 (Long)
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 43) [39953] Fw: "Hamfest" Portable Show-'n-Tell

by "ke5tc" <ke5tc@crosstel.net>
44) [39954] Re: QRP-L Police
by Rick Sealey <rsealey@InfoAve.Net>
45) [39955] First look at Dave Benson's DSW Rig
by Bill & Merleigh Jones <kd7s@psnw.com>
46) [39956] Re..disappointment
by "Ed Tanton" <n4xy@att.net>
47) [39957] QRP-L Police, attitude & anger...A [re]newbies view. (Long)
by Rod Cercone <rlc@frii.com>
48) [39958] Re: QRP-L Police
by Don Pfister KA0JLF <dpfister@kc.net>
49) [39959] Re: New QRP book?????????
by "Richard Arland" <r_arland@hotmail.com>
50) [39960] FS: OHR-100A, 20m
by Rod Cercone <rlc@frii.com>
51) [39961] Re: CW Sweepstakes Results
by Wayne Alexander <walexan@ipa.net>
52) [39962] The RATT is howlin'!
by mikemo@ibm.net
53) [39963] Re: CW Sweepstakes Results
by Brian Short <bshort@speedchoice.com>
54) [39964] Re: NC20 Receiver problem
by Gary L Surrency <gsurrency@juno.com>
55) [39965] HW-8 parts rig?
by applitech@mcg.net (Claton Cadmus)
56) [39966] RE: QRP Rigs
by "Roger A. McCarty" <rmccarty@earthlink.net>
57) [39967] FIDM Seminar
by "Kenneth W. Evans" <w4du@bellsouth.net>
58) [39968] FS: OHR DD-1 Display
by "Tim Cook" <timcook@erinet.com>
59) [39969] Re: Shareware to design front panel templates? and an SST mini-s
by "Steven Weber" <kd1jv@moose.ncia.net>
60) [39970] RE: MAX294LPF source?
by "Steven Weber" <kd1jv@moose.ncia.net>
61) [39971] Lookin' For Links (in all the right places...)
by Brian Short <bshort@speedchoice.com>
62) [39972] Re: Shareware to design front panel templates? and an SST mini-s
by Macstein@aol.com
63) [39973] Re: Shareware to design front panel templates? and an SST mini-
story...
by "Radman" <radman@best.com>
64) [39974] looking for links
by Tom Palmer <n1tp@worldnet.att.net>
65) [39975] Dayton shopping list
by James Skalski <jskalski@localnet.com>
66) [39976] Thaks To All!
by "Charles D.Feigley" <wa8cul@gte.net>

- 67) [39977] Re: Thaks To All!
by fred.devries@mindspring.com
- 68) [39978] Re: Re..disappointment
by "Dan Hogan" <dhhogan@nav.cnchost.com>
- 69) [39979] Re: The RATT is howlin'!
by "Paul Harden, NA5N" <na5n@rt66.com>
- 70) [39980] Let's liven up 80 m: "top band" for QRP?
by Wayne Burdick <n6kr@elecraft.com>
- 71) [39981] suspend
by Peter James <mrpj@mindspring.com>
- 72) [39982] RE: Re..disappointment
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 73) [39983] WTB: MFJ 971 Tuner
by RADIO OAKLAND <w6abc@yahoo.com>
- 74) [39984] Re: Re..disappointment
by david fouchey <dafouchey@home.com>
- 75) [39985] Max294LPF Source
by marklori@visuallink.com
- 76) [39986] Dipole
by "Charles Hamel" <cdhamel@pdq.net>
- 77) [39987] Re: [Elecraft] Let's liven up 80 m: "top band" for QRP?
by DYARNES@aol.com
- 78) [39988] Re: Dipole
by w4pj@w4bkx.ampr.org
- 79) [39989] Re: Dipole
by Brian Short <bshort@speedchoice.com>
- 80) [39990] QRPp
by "Charles Hamel" <cdhamel@pdq.net>
- 81) [39991] OHR DD-1 Display - SOLD
by "Tim Cook" <timcook@erinet.com>

Date: Sat, 8 May 1999 18:23:53 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [39911] Regnerative audiodyne Rx
Message-ID: <199905082308.TAA21475@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

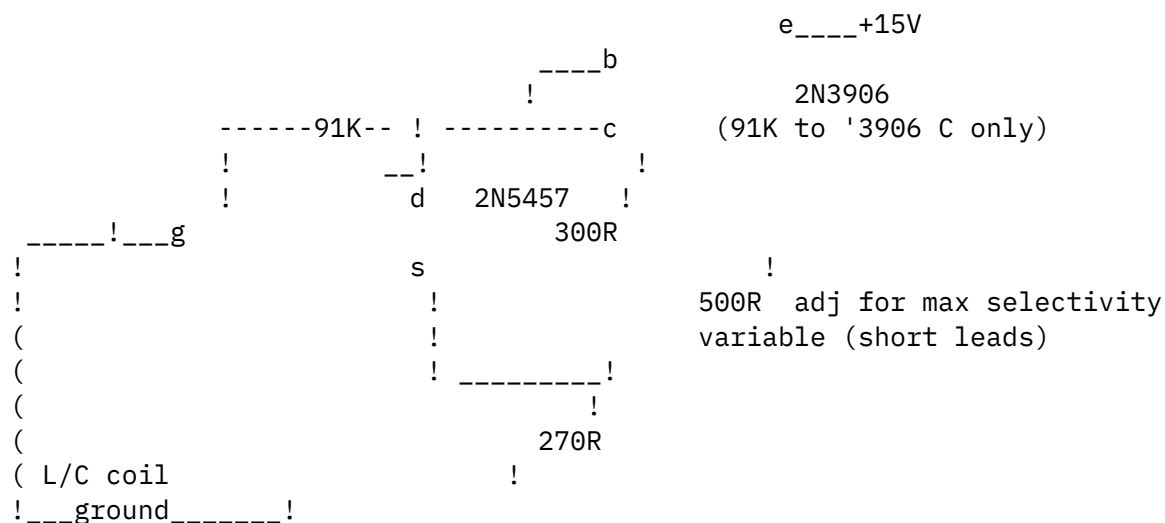
Hi Gang,

Driving back from the Hamfest, I got to thinking about the comment Paul made in his recent post about Regen Rx's. He commented you could add a real VFO to a regen detector and make it a Regenerative

Many of us already have an Audiodyne receiver or as we now call it, the Direct Conversion receiver. Adding a Q multiplier to the front end tuned circuit would effectively make a common DC Rx into a Regenerative Audiodyne Rx.

In the August 1997 issue of *73*, Parker Cope, W2GOM/7 had an article called "Negative Resistance RF Preselector", which is basically a solid state "Q" multiplier.

Heres an ascii rendition, hope Parker doesn't mind.
(non-proportional spacing)



72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 08 May 1999 19:42:15 -0400
From: david fouchey <dafouchey@home.com>

To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39912] Re: National MPS-A20G spec?
Message-ID: <3734CBD7.4F6393A2@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike here's the data on the Motorola MPS-A20, later produced by many manufacturers.

Spice model data:

```
.model MPSA20 NPN(Is=1.949f Xti=3 Eg=1.11 Vaf=30.7 Bf=873.5 Ne=1.203
+           Ise=2.059f Ikf=73.69m Xtb=1.5 Br=3.237 Nc=2 Isc=0 Ikr=0
Rc=4
+           Cjc=3.898p Mjc=.2858 Vjc=.75 Fc=.5 Cje=6.726p Mje=.3467
Vje=.75
+           Tr=1.207n Tf=637.5p Itf=.15 Vtf=4 Xtf=14 Rb=10)
*           National pid=02 case=T092
*           88-09-07 bam creation
```

<http://www.national.com/models/spice/MP/MPSA20.mod>

Link to Motorola Data Sheet..

<http://www.mot-sps.com/books/dl126/pdf/mpsa20rev0d.pdf>

Requires Adobe Acrobat Reader or Adobe Acrobat.

Hope that helps.

Dave WA4EMR/8

mikemo@ibm.net wrote:

```
>
> >From the bottom of the hamfest "MISC." box I got for $1, a box of almost
> 2,000 National Semi transistors. I checked my databook and could not
> find them. The parts themselves are labeled MPS-A20G, T0-92 package
> transistors. The box has a hand written note, "HEP728". Possibly an
> equivalent part? They are NPN, EBC from left to right. Beta measures
> around 180 in my meter.
> Does anyone have exact specs on this?
> Also, if anyone needs some of these, send a SASE and I'll get some to
> you. I don't think I'll run out ;-). These will probably work to build
```

> the "Desert Ratt" regen.... I already started mine ;-)
> Regards,
> 72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Sat, 08 May 1999 19:52:09 EDT
From: Richard Rood <fcsww@juno.com>
To: qrp-1@lehigh.edu
Subject: [39913] FS: HFT9 Ant Tuner
Message-ID: <19990508.195128.5231.1.fcsww@juno.com>

Since some HW9 accessories
were recently sold - very
quickly. I see the need to
furnish my HFT9 tuner to
some one who may have missed
out.
It's in first class condition-
a 9 outta 10. It will go post
paid (except overseas) for
\$50. obo.

dick w2scf qrp-1 1613

Using "fcsww@juno.com" will keep
the noise down...

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 08 May 1999 17:00:24 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Cc: forsale-swap@qth.net
Subject: [39914] Glowbug Tranceiver
Message-ID: <19990509000025.43937.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

Would really like to build a Glowbug xcvr in a single box, like the KD6CC
1S4/3A5 rig, but maybe a high performance regen RX and a TX that could be
VFO controlled, even if it meant an external box. Problem here is the metal

work, not good at it and don't have the tools to do it right. If anyone has any ideas on this, a rig they have put together that is now surplus or some projects from the past I could use as building blocks, please let me know. I've had lots of the current QRP rigs, but would really like to put a Glowbug xcvr together.

Thanks,

Alan, N3BJ
Bent Mountain, VA

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Date: Sat, 8 May 1999 20:19:08 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39915] Re: QRP-L Police
Message-ID: <003901be99b1\$8f117660\$0c3067d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well said, Tom.

73 de Vince, VE3VFN
A proud member of QRP-L 90% group. :))

> > As the list grows so does the "fatal 10 percent." Those are the people that
> > disagree with everyone, are sure they are right, and most always get it wrong.

Date: Sat, 08 May 1999 20:24:32 -0400
From: marklori@visuallink.com
To: qrp-1@Lehigh.EDU
Subject: [39916] QRPP
Message-ID: <3.0.6.32.19990508202432.007a0100@visuallink.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I received my Winter QRPp Friday! I already have a SW40+, but I'm starting to get an itch to build something. This 2N2/40 looks great. I have tried a version of "Manhattan" style construction before and flopped. With all the illustrations and great documentation on how to do it, I think I need to try again. It'd be nice to build something from scratch and not feel limited to waiting for the "kit version". Many good designs never get to the kit level. Thanks for a GREAT issue!

Mark
KC4GIA
Winchester, VA

Date: Sat, 08 May 1999 20:24:17 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [39917] Breeding Pair of Haggae !!??
Message-ID: <3734D5B1.68AED926@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-now THERE is a prospect that should fill prospective flammers with loathing and haunting visions of terminal grunties. Maybe some creative type could come up with a graphic as a suitable alternative for bestowal on insufferable flammers.

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 08 May 1999 20:28:51 -0400
From: marklori@visuallink.com
To: qrp-l@Lehigh.EDU
Subject: [39918] MAX294LPF source?
Message-ID: <3.0.6.32.19990508202851.007a2120@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am building an audio interface to go between the big rig and the HB rigs.

(They need more attention!) I saw the ScQRPion SCAF on KI7MN's web page and would like to incorporate it into the audio box. I found almost everything else at Dans but can't find a MAX294LPF anywhere. I tried Dans, Digikey, and a couple other places. Anybody know where this little goodie hangs out?

Mark
KC4GIA
Winchester, VA

Date: Sat, 08 May 1999 20:35:42 -0400
From: Steve <smann@advi.net>
To: qrp-l@lehigh.edu
Subject: [39919] Re: Diode Matching
Message-ID: <3734D85E.6774@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> At 01:22 PM 5/8/99 -0500, Mike Fitzgibbon, KI0AF wrote:

> I do think I'm doing something right
> here...I tried the other direction (swap leads) with the diodes and all
> I got with a Fluke 77 is an over/underange indication.

Turn the knob on the Fluke to the position that has a schematic symbol for a diode on it. Then the bias is automatically set to check diode junctions. The meter displays the forward voltage drop in volts. You can match diodes by this.

Steve, N4EY

Date: Sat, 08 May 1999 20:59:20 -0400
From: Tom Bowman <tbowman@nbn.net>
To: qrp-l@lehigh.edu
Subject: [39920] W9GR DSP kit
Message-ID: <3.0.5.32.19990508205920.00876ce0@nbn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

The original W9GR DSP unit appeared in the September 1992 QST.

I built the first version, the DSP-1, and am very pleased with it. On SSB or AM the notch filter takes out heterodyne and makes it possible to work phone on 40 meters at night.

On CW, the digital audio filter is 200 Hz wide with center frequencies of 400, 600, 750 or 1,000 Hz.

There is also a "denoiser" function that cuts down most noise.

Ramsey is selling the second generation DSP-2 for \$199.95 assembled. Check it out at <http://www.ramseyelectronics.com/>

But before you order anything, check out W9GR's home page at <http://www.oro.net/~w9gr/>

He has .WAV files there showing all kinds of interference with and without the new DSP-III.

The newest DSP-III costs \$170, kit, unassembled, with case.

This gets a little long but following are the differences between the DSP-II and DSP-III taken from a letter Dave, W9GR, sent me in March explaining the two:

"The differences between the 2 and the 3 are:

1. 13 bit audio codec instead of 8 bits. This means a much wider dynamic range, which is especially important for CW where you may have a strong interfering station.
2. Optional AGC in the LMS adaptive modes.
3. Software AGC in the LMS adaptive modes, which means that the adaptive filters behave the same regardless of audio input level.
4. SSTV filter
5. European low tones RTTY/FSK filter
6. DTMF decoder with memory
7. CTCSS decoder with memory
8. 1.8 kHz brick wall SSB filter

9. 2.1 kHz brick wall SSB filter

10. More CW filters

11. CW filters can be tuned.

To answer your specific question about the noise reduction, in that regard, the DSP-1 and the DSP-3 are very similar. The DSP-3 does not sound substantially different from the DSP-1 in this respect. However, the DSP-3's noise reduction is independent of input signal level, whereas with the DSP-1, you have to set the audio input level accurately.

Also, the CW filters will be better in the DSP-3 when there is strong adjacent channel interference, because the A/D converter is better in the DSP-3."

Dave is accessible, you can ask him all kinds of questions, and his kit worked the first time I plugged it in.

73,

Tom, WA3REY

<>< Tom Bowman, WA3REY, Mount Gretna, PA 17064

tbowman@mt-gretna.com QRP-L #125

<http://www.mt-gretna.com>

Date: Sun, 9 May 1999 00:59:19 -0400
From: wa8rxi@juno.com
To: k8dd@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [39921] Re: QRP-L Police
Message-ID: <19990509.013656.-139621.1.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Sat, 08 May 1999 14:04:18 -0400 Hank Kohl K8DD <k8dd@contesting.com> writes:

>I think most everyone on this here list who has put out a bunch of
>posts has made a mistake or too.

^^^

Aint this suphosed to be two ? I loked it up in my dixunary
and

I

thing you have it spelt wrung ;-}

>And to the qrp-l cops Lighten up!

AMEN!!

72, Rick - WA8RXI Taylor, MI.
Blue, Orange, Green, Brown, Slate!
White, Red, Black, Yellow, Violet, Mate!

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 08 May 1999 21:56:36 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39922] W9GR DSP I for sale
Message-ID: <3734EB54.98718246@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, All ,

I have for sale the DSP I with the 10 functions Firmware upgrade.
This one has 4 CW filters, NB with and without notch, or notch by itself and
RTTY and Packet filters.

I built it in the same box and style shown in QST Sept 1992.

It has the mods appeared in the July 1994 issue of The QRP Quarterly, (Dynamic
range improved with a limiter, digital noise, etc).

I'll take the first \$100.00 or best offer shipped CONUS.

72

Hugo

Date: Sat, 8 May 1999 19:03:20 -0700
From: "Mike Silva" <mjsilva@jps.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39923] Re: Glowbug Tranceiver
Message-ID: <004801be99c0\$1d209e00\$6dc4efd1@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excellent idea! I've drawn one out myself to take up to my mom's cabin in the mountains: 4BZ6 RF amp, 6EA8 (P) regen detector, 8JV8 AF amp and output, 6EA8 (P) xtal osc, 12AQ5 PA, 6EA8 (T) sidetone osc. (That leaves one of the 6EA8 triodes for a possible VFO). I think I'll build it for 40 and 30m, using a bandset / bandsread arrangement (then I can do SWLing as well). I might end up using that extra triode as a crystal calibrator oscillator. I'd like to hear what lineup you were considering.

Finding cases is always the toughest part of building for me. Sometimes I'm tempted to use wooden boxes and line them with foil, and an aluminum front panel! I picked up a 9x6x5 Bud box that I'll be using for this xcvr. One trick was to use back-to-back aluminum chassis as a cabinet, with the circuitry mounted on one or more aluminum sheets mounted on brackets inside the boxes. I've got a drill press for hole drilling, but a hand drill is enough, especially if you back your work up with scrap lumber to get cleaner and more accurate holes. For the bigger holes I like the Unibit-style step drills. If you stick to miniature tubes you can get by with one or two of the smaller sizes. Those and a nibbler tool (I think even Radio Shack sells them) should be all you need.

73,
Mike, KK6GM

>Would really like to build a Glowbug xcvr in a single box, like the KD6CC
>1S4/3A5 rig, but maybe a high performance regen RX and a TX that could be
>VFO controlled, even if it meant an external box. Problem here is the metal
>work, not good at it and don't have the tools to do it right. If anyone
has

>any ideas on this, a rig they have put together that is now surplus or some
>projects from the past I could use as building blocks, please let me know.
>I've had lots of the current QRP rigs, but would really like to put a
>Glowbug xcvr together.
>
>Thanks,
>
>Alan, N3BJ
>Bent Mountain, VA

Date: Sat, 08 May 1999 21:01:27 -0500
From: Dan Copeland <kf0ov@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39924] K2
Message-ID: <4.1.19990508205526.0098eb90@mail.alltel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was just surfing and looked on the EleCraft web
site and found some new news. They will not have
K2's to sell at Dayton :-(.

Now what am I going to do? I am not sure there is
a reason to go now!

I guess I can go and pull out the rest of Eric's hair :-)!!

Now I know the real reason Wayne is not going!!

That's all for now, I've got to go kick the dog!

Dan
Dan Copeland N0DT
kf0ov@alltel.net

QCWA Webmaster* ARRL-life member*
QRP-L 1004, ARCI - 9670, OHR-500
<http://www.qcwa.org> | <http://www.dcopeland.com>
"I want to die peacefully in my sleep like my grandfather,
not screaming in terror like his passengers."

Date: Sat, 8 May 1999 20:21:02 -0600

From: "Down" <adown@sprint.ca>
To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>
Cc: "Earl" <earlmurf@telusplanet.net>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [39925] ruff nite!!
Message-ID: <199905090218.WAA18080@hme0.mailrouter02.sprint.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well...that was not a good hand out this round. I imagine I picked a poor nite with everyone out enjoying the wx es doing chores, or perhaps taking the wife or girl friend out for a Saturday evening....

did get a few tho, so without further babble..here they are...

Time	Call	Name	Rx/Tx	QTH	QRP	Pwr
2312z	AF4LQ	Mike	449 559	Ky	43	
0012z	K1VP	-----	559 ---	----	(vanished)	
0055z	VE1AHX	Ben	449 459	NS	26	
0125z	NP3TG	Herb	449 549	Puerto Rico	--	100w

had a lot of QRN es QSB with Ben, but did get the qrp-c nr after the 3rd try...he was coming in es out rather faint after the initial contact. Copied away and put together all I heard...a bit here es a bit there from the half dozen or so times he sent his info es I got all the blanks filled in.....Best I could do Ben...hope it's all the way you sent it, cause that's how I copied es put together. Had to contend with another stn right on top of us as well, so kinda listened in between the qso...

Worked untill 0145z, but no luck after Herb, so QRT...sorry all! Had nothing from the west at all...one of those days!!

72
Bill VE5HQ
QRP-C 116

Date: Sat, 8 May 1999 22:29:41 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <Undisclosed.Recipients@nss4.cc.Lehigh.EDU>
Subject: [39926] QSLMaker (long)
Message-ID: <000b01be99c3\$d444be60\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey guys - I'm looking for help on whether to release the next version of QSLMaker sooner or later. I have been working on a couple of things that are apparently going to take a bit of time. In the meanwhile, tho, I've added a few minor features that may be helpful. If I come out with a minor release I probably won't beta test it. The new features are all pretty minor, but they are in and working, so all that's needed to release them is a touch up on the help file and a new kit.

In 2.2 so far:

A lot of folks have had a problem with needing to type the full name of the background bitmap if it's not in their QSLMaker directory. I've added a normal file open dialog so that you can just click.

I had one or two requests for centering the call like the extras. That was an easy one so why not.

Some people have gotten burned by not having the QSO information saved. I now save the QSO information so that it's there when you restart the program, and you need to clear it to start over. I was reluctant to do this because I didn't want to turn QSLMaker into a logging program, but this really isn't much of an alternative to a logger.

OK, in addition, I'd like input on other features I should be working on, and perhaps on the priority of those already on the list. At the end of this message I've attached my requests file, which is in approximately the order I expect to get them done. Let me know what I'm missing, and also whether you think the order is about right.

Thanx,
72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

-

\$Header: F:\\RCS\\QSLMake\\Requests.txt,v 1.4 1999-05-08 22:01:31-04
McDonough Exp McDonough \$

List of things requested/ToDo for QSLMaker
=====

Background color for some HP printers

On some HP DeskJets, the background color does not print. This doesn't happen with the 9.03 driver but appears to happen on all version 10 or 11 drivers. Sometimes, but not always, limited to light colors.

The same fix that worked for the info box in HP7xxC printers did not work here. Appears most severe in 7xxC printers although some reports from 8xxC printers.

JPEG wallpaper

Space for comment

Request for a place to print a comment on the card, generally the comments in the log are not the comments wanted here.

Cannot add logos etc (other than the background bmp)

Printing the reverse side of the card

Multiple requests for different things here. Some people would like a normal postcard back, perhaps with the comment mentioned above. Intent here is typically to mail as a postcard. Others would like to move the info box to the back of the card.

User customization of the info block contents

May be largely handled by automatic elimination of the power field when a space in 2.0 (if I were to document it), but some people would like more space or different spacings. No requests here since 2.0.

GIF wallpaper

Portrait mode cards

Typically European requests.

Change card size

Users would like 4X6 and also Euro sizes.

In release 2.2 so far:

=====
File Open Dialog on wallpaper
Center Callsign
Save QSO information

\$Log: Requests.txt,v \$

Revision 1.4 1999-05-08 22:01:31-04 McDonough
QSO saving implemented in X2.2

Revision 1.3 1999-04-18 20:46:13-04 McDonough
Centering callsign implemented in X2.2

Revision 1.2 1999-04-18 15:24:35-04 McDonough
Wallpaper selection dialog implemented in X2.2

Date: Sat, 08 May 1999 22:33:19 EDT
From: Richard Rood <fcsww@juno.com>
To: qrp-l@lehigh.edu
Subject: [39927] Re: HFT Ant Tuner
Message-ID: <19990508.223243.4631.2.fcsww@juno.com>

Thanks to all who replied.

It's been sold.

72

dick, w2scf, qrp-l 1613

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 8 May 1999 22:39:34 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [39928] NC20 good (DX) and bad (slight chirp)
Message-ID: <87d24c2e.24664f66@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, I sullied my infamous 40 meter attic dipole by adding a 20 meter fan and tamed it with the ZM-2 -- I ain't crawling up there to trim the thing, I still itch all over from playing monkey in the insulation and trusses from

haning the thing. The NC20 is set to 2 watts out. I had the cover off to play with the offset. Called KE0Z/QRP in Lennox, SD and Will gave me a 579 but after I prompted him, he admitted that I had a slight chirp. Darn.

Next QSO was awesome. UR5QGC, Gena in Zaporozhye gave me 559. He was QRO 100 w and using a Yagi. He made me repeat my antenna even though he was copying FB. WHAT FUN!

Ok, now the chirp. HELP! I swapped Q1 and 9 to 5427s and Q11 and 20 to 4403s while building it. What about the voltage regulator?? I remember something about that. Thanks in advance guys and gals.

-MAC-
KF4KSM

Date: Sat, 8 May 1999 22:48:39 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Cc: fred.devries@mindspring.com
Subject: [39929] Re: New ham!
Message-ID: <87d24c30.24665187@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/8/99 5:17:11 PM EST, fred.devries@mindspring.com writes:

snip

> Please be advised that this guy, today, has passed his Technician Plus
> tests, passed his 13 wpm code test, and missed his general by one lousy
> point. Now this old guy needs to figure out how to get on the air. (I've
> been unemployed for four months, and decided to go back to school to become
> an "AS/400 Programming Specialist", so money is real tight here.) Maybe
> I'll order and try to construct a "Pixie2". What do you think? Is that a
> beginner project?

snip

CONGRATS FRED!!! Pretty frustrating to miss General by one, but awesome to get the 13 wpm out of the way! I have built two Pixies and do not recommend it as your first on air venture. They are easy to build, but you will not have great success making QSO's and that will be frustrating!

The best bang for the buck is the SW40+ by Small Wonder Labs (IMHO). (www.smallwonderlabs.com) It was the project for an online elmer class sponsored by this group, and you can ask questions and get answers.

If you do go with the Pixie, I have compiled a "manual" from various web sites and other sources. I'll be glad to send it to you... but go ahead and get the SW40+ (grin).

Congrats again!

-MAC-
KF4KSM
Odessa, FL

Date: Sun, 9 May 1999 12:08:09 +0900
From: "Jim Crites" <crites@bigfoot.com>
To: <qrp-1@Lehigh.EDU>
Subject: [39930] QRP Rigs
Message-ID: <002501be99c9\$2b6702c0\$d91a4ca5@att>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, I presently use a Ten-Tec 555 turned down to five watts for QRP operating. I am looking for a dedicated CW/QRP rig. I thought that all of you might be able to share what type of rigs that you use and what you like or dislike about them. I thought that this might be interesting for the whole group as well as help me narrow down my choices. So far I have narrowed it down to either the OHR-500, The Sierra or an Argonaut (if I can find one). But I am still open for suggestions!

Cheers!

Jim Crites
KF6FCV

Date: Sat, 8 May 1999 20:39:27 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39931] test (don't read)
Message-ID: <199905090336.UAA11401@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

test

Date: Sat, 08 May 1999 21:05:21 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [39932] K2 Update; Sierra ABX Schematic
Message-ID: <37350981.B8C16122@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We've posted several updates to our Elecraft web page at
<http://www.elecraft.com> , including:

1. K2 shipping status update in our NEWS section
2. N6KR baby update in NEWS...
3. The schematic for the Sierra ABX mod. (See " N6KR's QRP Tech Notes" on our main page.)
4. NN6CW's famous "Ask Dr. Solder" article (Link on our main page.)

=====

Here's a copy of the News Section for those of you without web access (We normally keep our posts to QRP-L short , but the number of requests for an update from QRP'ers prompted us to include the NEWS section this time.)

(May 8, 1999) Dayton Update; Next K2's ship after Dayton; Elecraft moves to new facility; AH6KL on board; N6KR Baby due the 19th

Dayton Update:

Visit us at Dayton booth #196 next week (right next to Wilderness Radio). Both Eric, WA6HHQ, and Lerma, KD6ANH will be manning the Elecraft booth. In addition a number of the K2 Field Testers have offered to help out and answer your questions. We will have multiple K2's at the booth with at least one of them opened up for your internal inspection. We will also be at the FDIM Vendor's night, May 14th, at the Dayton Day's Inn South, and we will have the K2 on display at the FDIM social Saturday night.

Since we are in the middle of ramping up K2 production and must satisfy our K2 backlog first, we will not be bringing K2's to Dayton to sell. (We apologize - we want to avoid a riot of our current K2 backlog customers...) We will take new K2 orders at Dayton which will ship following Dayton, after we complete shipments to our backlog. We have fifty more K2's available in this production run above our current

backlog. Once these are sold out new orders will ship with our next production run at the end of next month.

K2 Shipping Update:

We expect to begin shipping K2's by the end of the week following Dayton. Our office move and Wayne's baby preparations (see below) have moved it about a week later than our original May 14th date. 98% of our K2 components have arrived and we expect the final ones in next week while we are at Dayton. We are kitting everything else now and we are also preparing boxes and shipping labels in advance. We will post weekly updates to this web page after Dayton to keep everyone informed on our progress.

Elecraft is growing!

Space was getting tight at our original location, so we moved to larger offices in Aptos May first. Now that the dust has settled we have more than enough space to produce and support a much larger volume of K2 shipments. (Our PO Box and phone numbers remain the same.)

Scott King, AH6KL, has joined Elecraft as our K2 technical support engineer. Scott holds an Extra Class ticket and is ready answer your K2 questions. We're setting up an email address for Scott now and will post it to the web page shortly. In the mean time use our radios@elecraft.com address or call us at 831-662-8345.

Wayne, N6KR, our intrepid K2 guru, and his wife are expecting their first child May 19th. (Don't worry, we're not expecting Wayne to help pack K2's!) Amazingly, he has maintained a fanatical focus on making the final improvements to the K2's firmware features (as requested by our Field Testers.) The feedback from our local testers on this release looks great and we hope you will like the new features. (Now 9 CW keyer memories, CW message chaining, programmable beacon repeat delay, up to four filter positions for each mode, ability to skip over non used filter positions, updated support for simultaneous straight key and keyer inputs, Fine mode RIT/XIT range, filter status display, low battery warning, programmable current limiting, ...and more.) On top of that Wayne has been making the final updates to the K2 manual (over 100 pages) to make it even easier to build and understand your K2. No word yet on when we can expect to hear the new arrival on the air....

New K2 Data Sheet:

We are printing new, updated, K2 data sheets for Dayton. Those of you who have requested information via the mail will receive it the 2 weeks following Dayton.

We apologize if we haven't replied to your email questions quickly enough. The large volume of email combined with K2 production and preparing for

Dayton has kept us very busy.

See y'all at Dayton! (Please don't tear my hair out.. There's not much left!)

72, Eric WA6HHQ

Date: Sun, 9 May 1999 00:02:32 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-1@lehigh.edu
Subject: [39933] Dayton: SPEAKER INFO
Message-ID: <199905090502.AAA00697@sunburst.usd.edu>

Hey Scott -- great! Everyone will appreciate your ongoing efforts with the banquet.

I can see that you're using an averaging technique here: 20 minutes this year, 43 minutes last year, comes up to an average of about 31 minutes per year.

That makes me feel a lot better than not being "averaged out". This way, speakers will feel more comfortable, knowing that if they go over the average of 31 minutes, next year you'll schedule the right amount of time to keep the speeches down to around 31 minutes, on the average, across the years.....

HI :)

72 Ade

Date: Sun, 9 May 1999 01:30:43 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <marklori@visuallink.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39934] RE: MAX294LPF source?
Message-ID: <000e01be99dd\$153b9100\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Mark... I would suggest you email MAXIM Sales, asking where you can buy several. Maxim is VERY good about single samples, and they will probably

sample you one. Not to mention pointing you to SOMEBODY who sells 'em.

If you're not too committed, you might try a National MF10 SCAF. They are readily available, and work like a million bucks-for about \$5.00 from Digikey et al.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography
~~~~~

Time flies like an arrow. Fruit flies like a banana.  
... Groucho Marx  
~~~~~

Date: Sun, 9 May 1999 01:39:05 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [39935] Re: QRP-L Police
Message-ID: <38b8367d.24667979@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/8/99 3:50:26 PM Pacific Daylight Time,
ctrask@primenet.com writes:

<< And if you think this list is bad, you need to subscribe to the
antenna refelctor for a week or two. There are some real prima donas
there. >>

I dropped all 3 of the DX reflectors for that reason...some good info but a
lot of crybabies and cops. "waaaaah, i sent my card 2 days ago and STILL dont
have one back, hes ripping us off!!!", "well IVE been a DXer for 300 years
and have this award and that award, and YOU are a cockroach!", blah, blah,
blah....

This is ham radio, not a court of law!! we arent competing with eachother
and when we are it is STILL intended to be fun. this is the best radio list
on the web, leaving it would only serve to hurt you in the long run, and
validate the "cop" mentality further. i wouldnt advise giving in.

The choice ultimately rests with you, but dropping qrp-l would deny you a lot of good info and long lasting friendships. the noise ratio is good here and is almost always a non-combative place to inhabit. if you made an off topic post, im sure you know all about it now. but if you did something extremely offensive, you would know that too....this wasnt it.

73...Adam, N7YA

Date: Sun, 9 May 1999 01:01:33 -0500
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>
Subject: [39936] New QRP book?????????
Message-ID: <19990509060835.BMFT20406@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang. For those lucky ones who get to go to Dayton in just a few days Paul Washa just sent me an Email saying he plans on being there. Paul provided us with some good deals on books with group buys for the IAQRP and QRP-L folks. He will be in Flea Spaces: 2615, 2616, 2617 near the HARA rear entrance. He also says that he will have available the new ARRL QRP book called 'ARRL's Low Power Communication, the art and science of QRP'. Has anyone heard of this book? For those attending stop by and tell Paul hello and be sure to mention you are a QRP'er. Check out the book and let the rest of us know (and thanks in advance). The usual disclaimers apply....I have no financial interest in Paul's business. I'm just a satisfied customer.

72/73, John NU0V

Date: Sun, 09 May 1999 02:20:47 -0500
From: sda <sda@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [39937] Question: ZM-2 + HM-9
Message-ID: <199905090711.DAA25276@mail4.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have done most of the work on the project of combining the ZM-2 tuner and the Heathkit HM-9 Wattmeter/SWR meter.

Having a slight problem. I got the ZM-2 in the case first, and made sure it worked FB. Then, installed the HM-9. I hooked the "Radio Input" and "Antenna Output" directly to the panel mount BNC connectors where the ZM-2 input/output is.

It works, but it has an effect on tuning, as I expected it would. Light won't go out now when tuning my dipole (light went all the way out before without the HM-9 connected). Light goes most of the way out, but not all the way.

Also, when monitoring power (0-5watts) on the meter, I can actually rotate the tuning controls and get the full 5 watts (or so it seems) but then when I switch back into tune mode, the LED is bright, seeming to indicate the ant is not tuned for best SWR.

Something tells me I need to hook a capacitor or diode or SOMETHING in between the HM-9 and the BNC connectors where the ZM-2 terminates. I don't know enough about electronics to know what to do here...any ideas???

Suggestions/comments/etc much appreciated. ;-)

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sun, 9 May 1999 00:24:13 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <kc2dsh@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39938] Re: NC20 Receiver problem
Message-ID: <00db01be99ec\$f045f240\$0db865d8@pacbell.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Clive,

It sounds to me like all you need to do is re-tweak TC6 in the receiver's product detector to get the receiver "noise" maxed at about 700Hz, which is the center frequency of the RX audio filter.

The fact that the noise goes from quiet with no antenna to a roar with the antenna plugged in means that none of the transistors in the RX are too noisy - all the noise is coming from the antenna.

Two things occur to me. 1) that you have a good RX (very sensitive) and there just weren't many stations around during the time you tried it, or 2) that you have a local source of noise interference that is wiping out the whole band (I get that sometimes at this location).

Let us know how you get on and if this was helpful.
72, Dave Fifield, AD6A

(snip) However, all I seem to
> be peaking up is what I can only describe as a roar
> (probably noise which is restricted to lower audio
> frequencies). When I disconnect the 20M dipole, the
> roar stops; when I put it back in, it starts again. I
> can hear some signals above the roar, but not many.
(snip)

Date: Sun, 9 May 1999 10:23:09 +0200
From: "Juan Jose Pastor Estornell" <juanjope@line-pro.es>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [39939] Message from Spain.
Message-ID: <000a01be99f5\$468aeea0\$cd654cc3@juanjopeintersil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Dear friends:

I have tried 7.029 at 5:00 UTC these days but it seems too late for DX as the sun is already out and cannot work but DL or G stations. Maybe a better hour would be 22:00 to 0:00 UTC but that is 0:00 to 2:00 AM local, too late for a working day (and I have to be at work at 6:30 UTC, so it is too hard to try it). Besides, it seems the Es sporadic season has begun and I've worked Italy and France in 10 and 15 meters respectively, so it will very hard to get some DX in those bands. But I will take skeds anyway

My CV15 transceiver does not advance lately. The VFO and receiver work quite well, but I will have to debug the transmitter. I will let you know if I eventually get it to work well enough.

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Date: Sun, 09 May 1999 08:27:32 -0700
From: dave.g@dja@psilink.co.uk (Dave Ackrill)
To: qrp-l@lehigh.edu
Subject: [39940] RE: QRP-L Police
Message-ID: <E10g0r7-0003u9-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

"Bill Johnson" <b1ljohn@msn.com> said:-

>Some of the members can come across as insensitive. I, too, seem to make
>mistakes. Don't leave the list and our group just because a few have found
>fault. It does help to reduce the size of the message for those who don't
>have the service and equipment to handle the long messages.

I've received flames from people on email and Usenet in the past as well, even when doing something that seemed perfectly acceptable to other users, but obviously stuck in someones craw....

One of the problems with email, though, is that you cannot tell sometimes what 'tone of voice' is being used. Are the comments made as a jokey reference (irony is common in UK, but doesn't travel well by email and some people think that you meant exactly what you said) or perhaps as a handy hint? Sometimes, I agree, the angry intent is plain to read, but not always meant that way.

I remember sending what was supposed to be a 'sensible' email reply to a

colleague at work, who took it completely the wrong way and I got a very hurt and angry response from him. After re-reading my email, I realised how he had read it and had to explain that it wasn't meant to be read in the 'tone of voice' that he'd thought!

I guess, on here, there's only one person you have to avoid upsetting, otherwise you might not need to find the unsubscribe command. HI :-) (Joke, honest!)

De Dave (G0DJJA)

Date: Sun, 09 May 1999 08:27:30 -0700
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-l@lehigh.edu
Subject: [39941] Re: More fun with a sound card
Message-ID: <E10g0r5-0003u9-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tony said:-

>The other change that is being ignored wholesale is the new channel
>numbering. Years ago, the simplex channels were given "S" numbers. So on 2
>metres, the calling channel 145.500 was "S20" - "S21" being 25k/c up etc.
>Now we have been told that S20 is V40, so S21 is V42. Visitors to the UK
>won't need to learn it though - I've never heard the new system used.

Well, I use it Tony, :-)

But, didn't they also alter the channel numbers on some other VHF/UHF bands.

I have to say that I have not updated my Callbook (which, has details of band plans etc., in it) since 1996, so perhaps I need to nip down to the library to look at their latest copy?

I seem to remember it took a few years for people to finally accept the IARU Locator squares system, but now-a-days I only see a few diehards using the old system.

BTW - Anyone intersted in QRP Packet on HF? I am trying a beta test of a new program and have been montoring stations on HF from South America to local Europeans and would like to give QRP a go as well sometime. I'd even consider PACTOR or AMTOR, if I knew where QRP Digital users might be lurking.

Cheers de Dave (G0DJJA)

Date: Sun, 09 May 1999 02:00:54 -0700
From: Russ Dow <n7dw@garlic.com>
To: qrp-1@Lehigh.EDU
Subject: [39942] Re: QRP Rigs
Message-ID: <37354EC6.D8A6CDA6@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim --

I'm going to plug the Sierra. I have one of the earlier Wilderness Sierras (mid-1996) and I love it. Current drain on receive is super low, and even on transmit it goes easy on the battery. I love its keying and smooth QSK, too. Depending on your keying speed and AGC setting, you might be able to hear between the dits. Certainly between characters. I built my Sierra with the KC-1 keyer (morse freq readout.) I now have the KC-2 keyer/display but haven't built it yet.

Others may disagree, but I'd say this is not really a beginner's kit. The same is probably true for the OHR500. So if you're new to kit building, either try to get some local tutoring or build a simpler kit first. (The OHR WM-2 wattmeter would be an excellent choice, and a very useful tool. I have the older WM-1, probably pretty much the same but with no external power connection.)

One thing that might bother some people: Each Sierra band module has *6* toroids to wind. Plus there are 5 toroids on the main board. Although I had never wound a toroid, the instructions were very clear and I learned quickly. I purchased 6 band modules (80 thru 15), so I had 41 toroids on my bench. That was a bunch, so I couldn't do them all at once. I built one band module per evening, 30 meters first so I could align against WWV on 10 MHz. After doing a few toroids it was routine stuff. Just work neatly, pull each turn tight and snug, and count the turns carefully.

I have no financial interest in Wilderness Radio or Oak Hills Research, but I sure do like their products.
Good luck, whatever your final choice may be.

72,
Russ Dow N7DW

Jim Crites wrote:

> I am looking for a dedicated CW/QRP rig. I thought that all of
> you might be able to share what type of rigs that you use and what you like
> or dislike about them.

> So far I have
> narrowed it down to either the OHR-500, The Sierra or an Argonaut (if I can
> find one). But I am still open for suggestions!

> Jim Crites
> KF6FCV

Date: Sat, 8 May 1999 19:37:55 -0400
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <vferme@sprint.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39943] Re: QRP-L Police
Message-ID: <004a01be99ab\$cf8e0100\$3e4b9ace@hhurst>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Geez, of course we make mistakes, we a bunch of amateurs!

You know, rec.radio.amateur.homebrew is a mess, I bet they could use some
correction. Know what I mean? (hint, hint)

Date: Sun, 09 May 1999 09:29:28 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [39944] INVITATION: June 6, "QRP P&P", NYC area!
Message-ID: <37358DB8.F7729DA6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Let's meet and greet these great QRP luminaries from G-land! On Sunday
June 6th, Tony Fishpool and Graham Firth will be stopping by NYC for one
day/nite to meet the QRP community and have a first-time look at The Big

Apple! Kevin, N2T0 (r-e-a-l-l-y knows the city), and I (country lad), are noodling details for the plan which is to gather at one of the area's GREAT steak houses for "QRP-Pints 'n Porterhouse".(promise: NOT a budget-buster!) It'll be a late afternoon/early evening dinner & chat session so that folks can get back home at a reasonable hour. (maybe 4-to-7pm-ish, 5-to-8-ish, flexible) We'll have a repeater "talk-in" available to make it easy to connect.

This will be a great opportunity to meet others in the area, show & tell a project you've been working on, reflect on ATLANTICON and Field Day ... whatever -all over some of the best steak east of Chicago! We may have opportunities to do an additional sight or two as well. A lot will depend on your response to this invitation. Please respond to me directly by e-mail with no. of people, where you'll be coming from, show & tell, etc. I'll keep y'all posted on details as they develop.

72

-s-

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 9 May 1999 08:58:54 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <fred.devries@mindspring.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [39945] RE: New ham!
Message-ID: <000401be9a24\$14bc2f90\$4e3dc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Congratulations! I remember how good it felt when I passed my Novice 25 years ago!

I agree on Alan Keyes! I think he'd make a great president! But then compared to the guy we have now Bugs Bunny would make a good president. ;)
73/

Kevin, WB5RUE

Why do they put criminal's pictures in post offices? What do they expect us

to do, write to these guys? Why don't they put the criminals' pictures on postage stamps? That way the mailcarriers could look for them why they deliver mail.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of fred.devries@mindspring.com
Sent: Saturday, May 08, 1999 5:14 PM
To: Low Power Amateur Radio Discussion
Subject: New ham!

Dear qrp friends,

Please be advised that this guy, today, has passed his Technician Plus tests, passed his 13 wpm code test, and missed his general by one lousy point. Now this old guy needs to figure out how to get on the air. (I've been unemployed for four months, and decided to go back to school to become an "AS/400 Programming Specialist", so money is real tight here.) Maybe I'll order and try to construct a "Pixie2". What do you think? Is that a beginner project?

Fred DeVries
Kalamazoo, MI

I support Alan Keyes for President! Go to:
<http://www.keyes2000.com> for more information

Check out my web page at:
<http://www.mindspring.com/~fred.devries/>

Date: Sun, 09 May 1999 09:58:51 -0400
From: Bob McKellar <bazooka@execulink.com>
To: qrp-1@Lehigh.EDU
Subject: [39946] Re..disappointment
Message-ID: <3735949A.FB2594A7@execulink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well I just recently subscribed to this list. I was pretty interested because I'm new to QRP. What a major disappointment. I haven't figured

out what Charles did wrong other than to respond to an inappropriate post. " Windows 98 Southern version" or similar topics would be inappropriate on any list as far as I'm concerned. (I thought I was accidentally listening to 75 meter phone.) Also most of the other 45 messages I had this morning didn't have much to do with QRP. Unless of course you count the 20 messages about people staying up nights worried about their QRPP. (whatever that is).

Frank: I think you are too straight laced, or something.
There are lots of good articles on this list.
We need some humor at times.
So please take it cool and see qwhat it offers.

72/73
Bob va3bik
va3bik@rac.ca

Date: Sun, 09 May 1999 10:20:34 -0400
From: david fouchey <dafouchey@home.com>
To: wb5rue@stic.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39947] Re: New ham!
Message-ID: <373599B2.A3DDFEE5@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Funny coincidence Fred, I just found my logs from when I was a novice in the late '60's plus my first log book when I upgraded from Novice to Advanced. I STILL remember the thrill of passing the exam in the Federal Building, down town Detroit..oh yeah long before the VE program was even a glimmer...Congratulations, and next time you'll slam dunk the General test, just watch! Heck go fo the advanced, if I could do it so can you...

73's Fred see ya on the air.

Dave
WA4EMR/8
(Formerly WN8AXG/WB8AXG, back home in the Great Lake State after 29 years away..)

Kevin Muenzler WB5RUE wrote:
>

> Congratulations! I remember how good it felt when I passed my Novice 25
> years ago!
>
> I agree on Alan Keyes! I think he'd make a great president! But then
> compared to the guy we have now Bugs Bunny would make a good president. ;)
> 73/
>
> Kevin, WB5RUE
>
> Why do they put criminal's pictures in post offices? What do they expect us
> to do, write to these guys? Why don't they put the criminals' pictures on
> postage stamps? That way the mailcarriers could look for them why they
> deliver mail.
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> fred.devries@mindspring.com
> Sent: Saturday, May 08, 1999 5:14 PM
> To: Low Power Amateur Radio Discussion
> Subject: New ham!
>
> Dear qrp friends,
>
> Please be advised that this guy, today, has passed his Technician Plus
> tests, passed his 13 wpm code test, and missed his general by one lousy
> point. Now this old guy needs to figure out how to get on the air. (I've
> been unemployed for four months, and decided to go back to school to become
> an "AS/400 Programming Specialist", so money is real tight here.) Maybe
> I'll order and try to construct a "Pixie2". What do you think? Is that a
> beginner project?
>
> Fred DeVries
> Kalamazoo, MI
>
> I support Alan Keyes for President! Go to:
> <http://www.keyes2000.com> for more information
>
> Check out my web page at:
> <http://www.mindspring.com/~fred.devries/>

Date: Sun, 9 May 1999 10:27:56 -0400
From: John Harper AA5YX/2 <aa5yx@juno.com>
To: qrp-1@lehigh.edu
Subject: [39948] Shareware to design front panel templates? and an SST mini-
story...
Message-ID: <19990509.102757.8958.1.aa5yx@juno.com>

Good morning,

Anyone out there know of a freeware/shareware program I can download that will allow me to make front-panel templates for homebuilt rigs? Just looking for something that will allow me to design and print out the control layout of my SST (among other rigs) so that I can then laminate and fasten it to the case.

On a side note, there was a recent post asking about the "operate-ability" of the SST. I did a hike yesterday taking my 30m SST along (+ wire, AA batts and ZM-2). I only had time to do about 20 minutes of hamming at about 7:30pm. Tuned around and heard a conversation in progress between a W8 and an HB9. When they finished, I called HB9BQR and got a 559 from Roland. We chatted for 15 minutes. He was 579 here in NJ/PA area. My antenna was a 30' wire launched into a pine tree with my half-full Gatorade (punch flavored) bottle. This QRP stuff never ceases to amaze me! Yes, the SST is a real radio. I only wish there was more activity on 30m.

Thanks and 72,

John Harper AA5YX/2 ex: KA5BBL, KI5OW, VQ9BL
HW-9, OHR-100A/20m, Norcal 40A, SST/30m, Norcal 20
YashicaMat 124G Info: <http://home.att.net/~j..harper>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 09 May 1999 06:45:55 -0700
From: russ behm <russbehm@silcom.com>
To: qrp-l@lehigh.edu
Subject: [39949] FS:Ten-Tec Argo 556 QRP Xcvr
Message-ID: <3735918D.C56@silcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Still have the Argo 556 QRP xcvr for sale, with noise blanker, 3 plug-in band modules, hand mic, and mobile bracket for \$395. This is the QRP version of the Scout, simple to operate, and has the Jones filter. The rig is in excellent condition.

Thanks for your interest,

Russ, WB6UER
805 687-1853
Santa Barbara, CA

Date: Sun, 9 May 1999 10:51:25 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [39950] CW Sweepstakes Results
Message-ID: <002801be9a2b\$6adb9800\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Haven't seen this mentioned yet on the list - results of the 1998 CW Sweepstakes are available on the ARRL Members Only web page. Congrats to all!

Brian KF2HC

Date: Sun, 09 May 1999 07:50:53 -0700
From: Bill & Merleigh Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [39951] "Hamfest" Portable Show-'n-Tell
Message-ID: <3.0.6.32.19990509075053.007b57a0@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Every year about this time a local ham club puts on a small hamfest at an RV park close to my home. It's always fun to attend.

Part of my normal hamfest routine is to set up a portable QRP station, outside, where people can stop by and watch, ask questions or even operate. Once again I was reminded that the "average" ham is absolutely blown away with what we take for granted.

First and foremost, almost everyone wanted to know how I got a 40 meter dipole 50 feet up in the trees. I showed them my slingshot/fishing reel combination. They were awe struck.

I drew a crowd (more than once) while chatting on CW. Several people asked me to translate the incoming signals as they were being sent. It was fun.

I also worked several stations on 20 and 15 meters running RTTY at 5 watts output. Most had never even heard of RTTY, and those who had were surprised that you could make contacts with less than 100 watts.

I gave many folks their first tour of the high frequency spectrum and QRP. Several people came back again and again. It was a good day.

=====
Bill Jones - KD7S - <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Sun, 09 May 1999 10:56:49 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [39952] Re: Diode Matching for the 2N2/40 (Long)
Message-ID: <3.0.1.32.19990509105649.0075df48@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 04:19 PM 5/8/99 -0400, Preston WJ2V wrote:

>Gang,
>-snip-
>
>But guys, if matching crystals is keeping you from building the 2N2, that
>would be silly, It'll work just fine with five unmatched crystals (three
>for
>the filter and two for the two LO's) , so long as they come from the same
>place so they're the same batch. Your bandwidth of the filter just won't be
>quite as tight. No big deal.
>
>Jim, am I saying it right? :-)

Preston is only partially correct on this one. I've done a lot of purchasing and testing of computer crystals for filter work, and have concluded that one must buy more crystals than are needed for the project and match them to get a decent filter, especially if the filter is fairly narrow.

In general, the crystals in a filter ought to be matched at least within 10 percent of the filters bandwidth if one is to realize the bandwidth. What does that mean. If the filter bandwidth is 250 Hz, then the crystals used must not have a frequency spread greater than 25 Hz. If they are beyond that limit, the bandwidth will not be realized, and it probably

will not be at all smooth, but rather lumpy in its frequency response. Ideally, the crystals should all be at a single frequency, since the coupling capacitors and tuning capacitors are generally specified with that constraint.

Matching them is quite easy, using a simple Colpitts oscillator circuit, and a counter, or as Preston suggests, an oscillator and another receiver. Each crystal must be operated long enough for it to reach thermal stability, usually around a minute or two.

As an example of the problem you'll encounter if you just buy 5 crystals and use them without any selection, I did an experiment this morning, using some of the 4.9152 MHz units purchased for 2N2/40 building, and other projects. These crystals are made by Vishay/Dale and sold by Mouser, part number 73-XT49U491-S, and by Allied, part number 895-0610. I've found the Vishay/Dale crystals to have the highest Q's and the lowest frequency spread of any manufacturer that I've tested. They also seem to be the lowest price.

Here are the data from two groups of 10 crystals that I took out of my big bag and measured.

Group 1		Group 2	
Sample	Freq (Mhz)	Sample	Freq (Mhz)
1	4.915573	1	4.915491
2	4.915526	2	4.915540
3	4.915504	3	4.915554
4	4.915566	4	4.915545
5	4.915528	5	4.915554
6	4.915551	6	4.915490
7	4.915471	7	4.915641
8	4.915573	8	4.915528
9	4.915570	9	4.915501
10	4.915513	10	4.915512

As you can see, in each group of 10 there are at least 3 crystals that will make a very good filter. In group 1, crystals 1, 8, and 9 are within 3 Hz of each other. Also notice in this group there is one crystal, number 7, that is quite different from the others. This is common in a sample this size. In group 2, crystals 3, 4, and 5 are within 9 Hz of each other. Still very acceptable, and well below our target of 25 Hz.

If you look at the frequency spread of group 1, it covers 102 Hz, from the lowest to the highest frequency crystal, and group 2 is even wider. It shows a spread of 151 Hz. If you combine the two groups, the spread grows to 170 Hz, almost the bandwidth of the filter we're talking about.

If we were to use the crystal with the lowest frequency, the one with the highest frequency, and any one from near the middle and build a filter with them, the filter would be almost twice as wide as we expected and wanted it to be.

Another interesting thing takes place with a larger number of crystals available. Some of the samples from group 1, which really don't match up well with units from that group, are good matches with some of the units from the second group.

So what's the conclusion? Well it is rather simple. If you go out and buy just 5 crystals, you could get any of the five shown in the two groups. They could be quite close, or they could be really far apart. Using three of them without any kind of sorting for the 2N2/40 filter may yield a pretty lousy filter. With some matching, you can always make it better. If you buy a set of 10 crystals and measure them, you will most likely get at least one really good set of 3, and maybe more. If you go in with a friend or two, and buy 20 or more crystals, you will get several sets of three, probably matched within a few Hz.

I've given some thought to maybe providing sets of matched crystals for this project at a nominal cost, but have been reluctant to offer that service because of the time involved that comes out of my bicycling time. If you would be interested, send me private e-mail. I think the cost would be around \$5 plus maybe a bit more for shipping. I'd like to have a feeling how large this undertaking might be before committing to doing it.

OK.....hope all of this has been helpful/usefull.

72 and kind regards to all.....Jim, K8IQY

Date: Mon, 10 May 1999 10:23:20 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39953] Fw: "Hamfest" Portable Show-'n-Tell
Message-ID: <001601be9af9\$1cb34f00\$4d6c1ece@ke5tc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In the true spirit of ham radio operating and qrp... Keep up the good work.
72 ke5tc Royce

>Part of my normal hamfest routine is to set up a portable QRP station,
>outside, where people can stop by and watch, ask questions or even operate.

Date: Sun, 09 May 1999 11:18:06 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: wa8cul@gte.net
Cc: qrp-l@lehigh.edu
Subject: [39954] Re: QRP-L Police
Message-ID: <4.1.19990509104757.01b8d790@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 08:04 AM 05/08/1999 -0400, you wrote:
>Would someone please send me the instructions on how to unsubscribe from
>this group.
>It seems I have upset some of the fine members of this group. This
>morning in my hurry
>to have some fun I made a post and forgot to delete the original post.
> ...
----- SNIP -----
> Charlie WA8CUL
----- SNIP -----

Charlie, don't do it!

There are always those in any group, anywhere, anytime, that seem to
contribute only in this manner; knee-jerk reactions and immature responses.
There are too many good things and people in this bunch,
"cream-of-the-crop" I would say, to let a few "losers" influence you away.
If you leave, the losers win and the rest of us lose. Stay with it.

I always thought you had a catchy call, just don't apply the "CUL" too
literally.

72,
Rick - W4SEA

Date: Sun, 09 May 1999 08:27:56 -0700
From: Bill & Merleigh Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [39955] First look at Dave Benson's DSW Rig
Message-ID: <3.0.6.32.19990509082756.0080b100@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

While attending a local hamfest last Saturday, Doug Hendricks (KI6DS) walked up to me and shoved a tiny little black box in my hand. "Here," he said, "take a look at this." Inside was a beta version of Dave Benson's new DSW transceiver.

I don't mean to sound like an advertisement for Small Wonder Labs, folks, but this little rig absolutely blew me away. The small size, low current drain, built-in keyer and rock solid stability leaves no doubt in my mind what my next Trail Friendly Radio will be. The DSW is a shirt pocket transceiver with desktop features.

A special thanks goes to Doug Hendricks for bringing the DSW along on the 80 mile trip from his home to the hamfest.

=====
Bill Jones - KD7S - <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Sun, 9 May 1999 11:36:12 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <bazooka@execulink.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39956] Re..disappointment
Message-ID: <004901be9a31\$aab77f60\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bob... don't be TOO worried (or badly influenced) by either the inappropriate posting, or the bruhaha over... well... whatever it was. ALL

reflectors go through these things, but in truth, this one is less prone to the nastier side of discord than most. It also does a pretty good job of staying on-or near-topic. A wide range of "topic" it is true-but they're mostly pretty interesting-whatever they may be.

I want to assure you that the best "hearts" to be found anywhere may be found on THIS reflector-even if what you have recently seen is not at all exemplary of that passion. You will NEVER, EVER see a bunch of guys (guys as in "persons"-both male and female) more interested in helping their fellow hams through whatever their (as I said: normally related) problems with their radios, their antennas, their ideas about radio things; than the people here on QRP-L.

There is less bickering while nurturing of honest dissent; less patronizing; and less criticism for asking "stupid questions" than anywhere on Earth or Internet. You happened to show up at a moment in time when some less-than-interesting matters were being flushed from the woodwork. Don't judge this wonderful, interesting, RADIO-ACTIVE bunch of people by the past few days. It's only a transient, and will die a natural death soon/finally. You'll see.

72 / 73 Ed N4XY email: <n4xy@arrl.net> QRP-L #758

Date: Sun, 9 May 1999 15:39 +0000
From: Rod Cercone <rlc@frii.com>
To: <qrp-l@lehigh.edu>
Subject: [39957] QRP-L Police, attitude & anger...A [re]newbies view. (Long)
Message-ID: <199905091539.JAA07245@deimos.frii.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was first licensed in 1964/5, fell away from Ham Radio in the 70's, and return exactly one year ago.

My how things have changed.

Thirty years ago it was easy to find young people interested in the hobby. It was just as easy to find experienced Hams, ready & willing to mentor [elmer] the new arrivals. It was done with kindness, patience and a supportive attitude.

Now it is getting harder and harder to find young people interested in the hobby. In fact some consider Ham radio an "Old Man's" hobby. And people's attitudes!!!

While studying to be re-licensed I started reading the news groups associated with Ham Radio: Code/No-Code, you idiot this/NO you idiot that...! WOW I couldn't get over the "in your face and up yours" attitude. I seriously questioned my return to the hobby, I thought to myself: Why do I want to be part of such an inconsiderate, mean, group of people? But a very few, and I mean very few, nicer experiences kept me going. Having pleasant memories from the past helped also. And, dang it, there is still something wonderfully magical about talking to people over the air waves. [This feeling is magnified doing things the QRP way]

Well I got relicensed, still wondering if it was the right thing to do, got my General, met a lot of nice hams on the air, quit reading the news groups...and discovered the joy of QRP & QRP-L, thanks Jerry, WOMC. I found what I was looking for: A supportive community bound to some common interests. The clubs: QRP-L, NorCal, QRP-ARCI, CQC and many others, the suppliers OHR, Small Wonders Labs, Wilderness, all the hardworking people who make these things work, just too numerous to mention! And the OPS, glad I stuck around, I found more good than bad.

Folks, I had some history with the hobby, a passion to play with radios, and a tenacious bull-dog attitude. Without that I would NOT have been re-licensed today. Now, ask yourself: What of the new people with little or no experience, how might they react to the "Grumping" going on today? I'll just bet we've lost a good number of new people, __young__ __people__, because of it. Reading QRP-L this weekend, it seems our small group lost one or two!

I'm not going to jump on the critical, in your face, you should do this, band wagon. I just going to ask that you consider my words. When I considered the actions, events and attitude I speak of: I chose to be a Pied Piper, and attract people to our Hobby. On an off the list I've helped people, learn Morse Code, align, build, fix and modify their equipment...I feel pretty good about that. Along the way I've taken some heat for some really dumb mistakes, mistakes that prove beyond a shadow of a doubt that I am human. ;-). So be it. I would rather have tried and failed, than to never have tried at all.

I've said my piece, and feel better for it. If you've read this far, Thank You. I hope there was something in here that made it worth your time.

Rod, NØRC
Fort Collins, CO

Date: Sun, 09 May 1999 10:38:18
From: Don Pfister KA0JLF <dpfister@kc.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39958] Re: QRP-L Police
Message-ID: <3.0.5.16.19990509103818.325f918c@pop3.kc.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I second this. I just subscribed again this morning. Stick around, I unintentionally irritate people often with silly mistakes myself. I usually realize I forgot something just as I see the mail is gone and I can't do anything about it.

Hope to "CUL"
73 de Don KA0JLF

At 11:18 AM 5/9/99 -0400, Rick Sealey wrote:

>
>-----
>At 08:04 AM 05/08/1999 -0400, you wrote:
>>Would someone please send me the instructions on how to unsubscribe from
>>this group.
>>It seems I have upset some of the fine members of this group. This
>>morning in my hurry
>>to have some fun I made a post and forgot to delete the original post.
>> ...
>----- SNIP -----
>> Charlie WA8CUL
>----- SNIP -----
>
>
>Charlie, don't do it!
>
>There are always those in any group, anywhere, anytime, that seem to
>contribute only in this manner; knee-jerk reactions and immature responses.
>There are too many good things and people in this bunch,
>"cream-of-the-crop" I would say, to let a few "losers" influence you away.
>If you leave, the losers win and the rest of us lose. Stay with it.
>
>I always thought you had a catchy call, just don't apply the "CUL" too
>literally.
>
>72,
>Rick - W4SEA
>
>
>

[Signature File]

Name=Don Pfister KA0JLF

HABITAT SkyLab

(High Altitude Basic Investigation Testing And Tracking)

Email=dpfister@kc.net or donp@netlab.org

<http://habitat.netlab.org> *hey check this out we have our own virtual domain!!!! THANKS NETLAB!

<http://www.netlab.org/habitat>
<http://www.kc.net/~dpfister>
<http://www.netlab.org/~donp>
<http://www.netlab.org:8888/> Visit the Lab in the Hobby wing. HABITAT being built...

Date: Sun, 09 May 1999 15:48:24 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: burnley-ia@worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [39959] Re: New QRP book??????????
Message-ID: <19990509154824.32689.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

>He also says that he will have available the new ARRL QRP book
>called 'ARRL's Low Power Communication, the art and science of QRP'.
>Has anyone heard of this book?

I have.

73 Rich K7SZ

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Sun, 9 May 1999 15:51 +0000
From: Rod Cercone <rlc@frii.com>
To: <qrp-1@lehigh.edu>
Subject: [39960] FS: OHR-100A, 20m
Message-ID: <199905091551.JAA09070@deimos.frii.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My K2 will be shipping soon, so some stuff gotta go...

6 month olds, neatly built and in perfect working order, \$100 OBO, puts it on your

door step CONUS.

Rod, N0RC
Fort Collins, CO

Date: Sun, 09 May 1999 10:58:38 -0500
From: Wayne Alexander <walexan@ipa.net>
To: brimail@home.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39961] Re: CW Sweepstakes Results
Message-ID: <4.1.19990509105632.0093fc80@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I have not been able to bring this up on the Members Only page. It brings up the Reader page and then says it is done but nothing is there. I have looked at things before on there but can not bring this part up. Does anyone know why? Thanks

At 10:51 AM 5/9/99 -0400, Brian J Keegan wrote:
> Haven't seen this mentioned yet on the list - results of the 1998 CW
> Sweepstakes are available on the ARRL Members Only web page. Congrats to
> all!
>
> Brian KF2HC

73,
N=D8EA
Wayne
Willard, MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Sun, 09 May 1999 12:02:10 -0400
From: mikemo@ibm.net
To: qrp-l <qrp-l@lehigh.edu>
Subject: [39962] The RATT is howlin'!
Message-ID: <3735B182.3EB1A84D@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, the Desert Ratt 3 is up and running. I built it from Paul's plans, distributed by Doug. I built it "Manhattan" style to practice for the 2n2 rig. It didn't work when I finished it, but in the process of desoldering coupling caps and going through it section by section, it came to life.

It is a neat little regen!

Paul, why do you use PNP transistors in the "regulator"? Could you just as easily use NPNs?

Also, thanks to all who helped me find the specs on the transistors I bought. I built the regen with them and they work FB! I would never have thought to look up a National Semi transistor on the Motorola web site. We have some smart ones on this list.

Thanks and 72
Mike Maiorana, KU4QO

Date: Sun, 09 May 1999 16:09:54 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [39963] Re: CW Sweepstakes Results
Message-ID: <4.1.19990509160638.01fe8390@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I cannot answer why, but I have seen the SS results (there) and my blind friend (NU7I) and I managed to win 1st Az Multi-Op. Unfortunately, we missed a "sweep" by 1 section, though we did get the sweep on SSB. Are the SSB results available anywhere?

73, Brian

>I have not been able to bring this up on the Members Only page. It brings up
>the Reader page and then says it is done but nothing is there. I have
>looked at things before on there but can not bring this part up. Does
>anyone know why? Thanks

>

>At 10:51 AM 5/9/99 -0400, Brian J Keegan wrote:
>>Haven't seen this mentioned yet on the list - results of the 1998 CW
>>Sweepstakes are available on the ARRL Members Only web page. Congrats to
>>all!

--

Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>

--

Date: Sun, 9 May 1999 09:22:24 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: fifiield@pacbell.net
Cc: qrp-1@Lehigh.EDU
Subject: [39964] Re: NC20 Receiver problem
Message-ID: <19990509.092224.-4090059.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave F. wrote:

>It sounds to me like all you need to do is re-tweak TC6
>in the receiver's product detector to get the receiver
>"noise" maxed at about 700Hz, which is the center
>frequency of the RX audio filter.

I've actually been able to get my frequency counter to "read" the noise peak of the product detector BFO adjustment. I use the counter in my DMM connected to the audio output. Just hook it up to ground and to the top of R58. With the AF gain at about mid-setting, there is enough signal to allow the counter to take a reading. I noticed the peak AF voltage to be at about 800 Hz using a AF voltmeter, but I tuned the product detector to about 600 Hz to match up with the same frequency as the TiCK's sidetone, and because my ears also prefer the lower audio tone.

Happy tweaking! ;-)

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 9 May 1999 11:24:12 -0500

From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [39965] HW-8 parts rig?
Message-ID: <01cc01be9a38\$93d97260\$a10a5e2c@groucho>

If someone has an HW-8 parts rig out there, I'm in need of crystal Y3
22.895 MHz. Please reply direct, not to the list.

Thanks.

73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Sun, 9 May 1999 16:32:11 -0000
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <crites@bigfoot.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39966] RE: QRP Rigs
Message-ID: <001001be9a39\$7d509900\$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim,

I am replying to the group so as to enable a friendly debate
amongst the readers.

I have used and/or owned the three rigs you have mentioned.
If convenience be damned (plug-in modules), then I also
would agree with Russ. The Sierra is hard to beat. The
receiver has dynamic range far superior to the other two as
demonstrated to me during actual use. If you get the KC2
option, it is truly THE Qrp CW operators rig.

My only complaint about the Tic keyer as part of the KC-2,
is the push button control of keyer speed. I hope someday
the designers will see fit to allow potentiometer control
ala the PK-2 keyer.

Playing Devils advocate, by the time you purchase all of the band modules, your investment comes fairly close to the purchase price of the Elecraft K2 which, although I have not personally had the opportunity to use but instead as evidenced by the overwhelmingly positive responses from the Field Testers, apparently is the penultimate Qrp rig.

Then again, it is my understanding that we do not allow decisions in the QRP fraternity, and that you must buy them all. Rather than argue with me now, see me in 5 years and tell me if I'm right :-)

73

Roger KD6CC

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU
[mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Jim Crites
I am looking for a dedicated CW/QRP rig.

Date: Sun, 09 May 1999 12:38:59 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: QRP List <qrp-1@Lehigh.EDU>
Subject: [39967] FIDIM Seminar
Message-ID: <3735BA23.E5258BB8@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,
We just updated the list of attendees for the FIDIM Thursday Symposium. We now have 130 registered. Please check <http://www.qrparci.org/> to see if your registration was received. This represents everything received thru Saturday, May 8, 1999.

Please do not panic if your not on the list. We will bring anything received on Monday and Tuesday, and you can still register at the door.

If you cannot make the Seminar, the Proceedings (a great addition to your QRP Library) will be available for \$12.00/copy at the Hamvention, and \$15.00/copy afterwards (express mail included) We will have details on how to order them shortly after Dayton.

72/3,
Ken
W4DU

Date: Sun, 9 May 1999 12:47:07 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39968] FS: OHR DD-1 Display
Message-ID: <00a601be9a3b\$93e8ad40\$a77f5acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Unbuilt, unopened as it came from OHR with all instructions.

\$60 shipped in lower 48.
please email direct if interested....

thanks
Tim
NZ8J

Date: Sun, 9 May 1999 12:09:28 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: aa5yx@juno.com
Cc: qrp-l@lehigh.edu
Subject: [39969] Re: Shareware to design front panel templates? and an SST mini-s
Message-ID: <199905091653.MAA17090@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>
> Anyone out there know of a freeware/shareware program I can download that
> will allow me to make front-panel templates for homebuilt rigs? Just

John, et al,

You might already have a program to do this if you have Word 6 or

some other word processor that supports drawing. You could use Paint also, but it's hard to make it print to real scale. The line drawing program in Word is a bit clunky to use, but at least it has a 1:1 ruler built in.

I use pcb layout software for front panels, which makes it very easy to produce accurate layouts, but your limited to the cad program font for text.

Personally, I like the DOS version of Circad, (www.holophase.com) but there are many others out there too.

I just wish someone would come out with white ink, so we could print white on black. I usually end up using light blue for front panel paper.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 9 May 1999 12:09:27 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [39970] RE: MAX294LPF source?
Message-ID: <199905091653.MAA17097@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Digi-Key does have the MAX294. "LPF" is not the proper suffix.
Full part number is MAX294CPA for a 8 pin dip for \$7.18

"LPF" is something someone added to the part number to indicate it was a Low Pass Filter, but is not actually part of the part number! Details, details, got to be carefull about that in part numbers...

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 09 May 1999 16:56:01 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu

Subject: [39971] Lookin' For Links (in all the right places...)
Message-ID: <4.1.19990509165521.01ff32a0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You can add your favorite links to our collection:
<http://www.qex.net/links/links.htm>

Thanks, Brian

PS: I had disabled execution of the perl scripts
in the CGI for this and all other CGI on the
server due to abuse.

--

Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>

--

Date: Sun, 9 May 1999 13:14:19 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [39972] Re: Shareware to design front panel templates? and an SST mini-s
Message-ID: <e974bc3c.24671c6b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/9/99 11:56:22 AM EST, kd1jv@moose.ncia.net writes:

> Personally, I like the DOS version of Circad, (www.holophase.com)
> but there are many others out there too.

I use this for my panels too. It's easy to scale and line up the holes. I
then laminate 'em, cut the holes, and glue.

-MAC-
KF4KSM

Date: Sun, 9 May 1999 10:21:23 -0700
From: "Radman" <radman@best.com>
To: <aa5yx@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39973] Re: Shareware to design front panel templates? and an SST mini-

story...

Message-ID: <199905091720.KAA12660@proxy3.ba.best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

John et al,

Check out the "Almost All Digital Electronics" page at:

<http://www.aade.com/>

Scroll down to "quick & easy way to make front panels."

Neil has an interesting tutorial on producing very slick front panels.

You will need a simple drawing program -- as you'll need to "mirror" or "flip" your design.

Check it out -- pretty interesting :)

GL es 72,

Conrad - NN6CW

Anyone out there know of a freeware/shareware program I can download that will allow me to make front-panel templates for homebuilt rigs? Just looking for something that will allow me to design and print out the control layout of my SST (among other rigs) so that I can then laminate and fasten it to the case.

John Harper AA5YX/2

Date: Sun, 09 May 1999 13:32:02 -0400

From: Tom Palmer <n1tp@worldnet.att.net>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [39974] looking for links

Message-ID: <3735C692.B1F7F610@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Another FB amateur link page:

<http://surf.to/ham.radio>

73, Tom, N1TP, Naples, FL.

Date: Sun, 9 May 1999 13:39:12 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [39975] Dayton shopping list
Message-ID:
<Pine.LNX.4.04.9905091311030.4553-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now is the time to spend some dough. What should I spend it on? Hmmm. What is the best value? How much money should one sink into a qrp only rig considering the availability of full featured miniature sized qrp-able qrp rigs? Should one buy new or used? Very few pieces of amateur gear actually appreciate in value (Ebay craziness, aside :-). Homebrew gear almost never appreciates in value. The qrp-plus and SG-2020 didn't increase in value. Some of the Ten tec versions and some of the heath versions became more valuable (or were bought up and priced higher)

With the introduction of more expensive full featured rigs there should be available some of the recent qrp favorites. The guys that gotta have the latest will undoubtedly have to let a few go. This will free up some capital, make room on the operating bench and possibly keep the peace at home.

There have been quite a few new favorites on the list over the past year. Some were kits and some were more or less homebrew. Some of the bugs are still being worked out on the list almost daily.

It seems that the bar has certainly been raised with the new SWL offering. I just might have to pick one of those up at Dayton :-). I am still working on my all mode all band homebrew; albeit very slowly. I need a quick fix...

Is anyone else doing any soul-searching and rationalizing about their next purchases?

I guess I should make up a list of things that will have to go to Dayton and be offered as sacrifice to the new equipment gods :-)

73,

Jim n2go

Date: Sun, 09 May 1999 13:42:52 -0400
From: "Charles D.Feigley" <wa8cul@gte.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39976] Thaks To All!
Message-ID: <3735C91C.6E76248@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

I would like to thank all that wrote me both privatly and publicly
hopeing I would stay with the list. Such warmth and kindness is rarley
fond elsewhere. And everyone is right, even thou I post very little, I
feel
a sort of friendship and kinmanship found no where else. Thanks to
all for convincing me to stay. The knowledge gained is to valuable to
miss.

Long Live QRP-L.

Charlie WA8CUL

--
CHARLES D. FEIGLEY SR. 6030 150 Ave.N.#49 WA8CUL [ex-KE4UON]
LATITUDE 27.93 Clearwater, EL87PW
LONGITUDE -82.73 Florida 33760-2180 GMT-5.0
wa8cul@gte.net

MEMBER:QRP-L #1752---AK/QRP #417 Tech Plus Ham Radio Operator
Society of Amateur Radio Astronomers Marine Radio Operator Permit

Date: Sun, 9 May 1999 13:59:39 -0400
From: fred.devries@mindspring.com
To: <wa8cul@gte.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39977] Re: Thaks To All!
Message-ID: <020101be9a45\$b6581780\$7e0f8ad1@fred.devries>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Glad that you stayed!
Fred

-----Original Message-----

From: Charles D.Feigley <wa8cul@gte.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, May 09, 1999 1:43 PM
Subject: Thaks To All!

>Hello All,
> I would like to thank all that wrote me both privatly and
>publicly
>hopeing I would stay with the list. Such warmth and kindness is rarley
>fond elsewhere. And everyone is right, even thou I post very little, I
>feel
>a sort of friendship and kinmanship found no where else. Thanks to
>all for convincing me to stay. The knowledge gained is to valuable to
>miss.
> Long Live QRP-L.
> Charlie WA8CUL
>
>--
>CHARLES D. FEIGLEY SR. 6030 150 Ave.N.#49 WA8CUL [ex-KE4UON]
>LATITUDE 27.93 Clearwater, EL87PW
>LONGITUDE -82.73 Florida 33760-2180 GMT-5.0
>wa8cul@gte.net
>-----
>
>MEMBER:QRP-L #1752---AK/QRP #417 Tech Plus Ham Radio Operator
>
>Society of Amateur Radio Astronomers Marine Radio Operator Permit
>
>
>

Date: Sun, 9 May 1999 11:12:25 -0800
From: "Dan Hogan" <dhhogan@nav.cnchost.com>
To: qrp-l@Lehigh.EDU
Subject: [39978] Re: Re..disappointment
Message-ID: <199905091810.0AA05798@rodney>

People:

I have been on the internet since 1988. Mail lists and newsgroups are an international collection of mixed personalities. Clashes will occur, especially if you contribute on a regular basis.

If you are uncertain on what behavior is accepted by the list, you should have read the welcome message that you got when you subscribed.

THERE IS NO WAY that one will be able to post something that will not bother or irritate someone, somewhere, sometime. The easy thing is to ignore it and hit the DELETE key. If you get private flame messages, do the same, ignore and DELETE them.

DON'T REACT AND RESPOND TO THE FLAME! No response will make a flamer go away. The list owner will handle violations of accepted behavior.

Life is too good and too short to get upset over something one reads on a PUBLIC forum.

Dan Hogan WA6PBY
dhhogan@nav.cnchost.com
QRP-L #558

Date: Sun, 9 May 1999 12:48:42 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39979] Re: The RATT is howlin'!
Message-ID: <Pine.SUN.4.10.9905091209310.15303-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 9 May 1999 mikemo@ibm.net wrote:
> Well, the Desert Ratt 3 is up and running. I built it from Paul's plans,

> distributed by Doug. I built it "Manhattan" style to practice for the
> 2n2 rig.
>
> It is a neat little regen!

Mike,

They are fun little radios. What frequency range did you end up with? And, what variable cap and coil scheme did you use? It's always fun to build such a simple circuit and suddenly there's the BBC, Duetche Welle (Radio Germany) or Dr. Gene Scott on WWCR (if you don't know this guy, you've never listened to shortwave!).

What "catches" did you find?

> Paul, why do you use PNP transistors in the "regulator"? Could you just
> as easily use NPNs?

Yes, you can use either NPN's, PNP's, or any diode (1N914, etc.) you've got laying around. I used PNP's because I've got gobs of them and seldom seem to find a use for them -hi. All you're doing is making ABOUT 2V of bias for the regen stage, which is what gives the Desert Ratt a "soft" regen action, intended more for voice detection. This 2V runs through L3 to the collector, so Vcc for the regen stage Q2 is only 2V. Running Q2 off of 9V makes the regen point VERY hard to attain and maintain. So each transistor or diode drops about 0.7v to make a cheapie 2V regulator, so the "point" of regeneration is rather consistent inspite of the battery voltage.

You could replace those diodes/transistors with a resistor or trim pot to set 2-3V on Q2 collector, but it would be a bit sensitive to the dropping battery voltage as you used it.

One of the neat things about these regens are how TOLERANT they are to changes in circuit values. If you don't have the exact value shown, use the closest you have, and there's a good chance it will still work. An ideal "junk box" project.

BTW, Q1 is an untuned RF amplifier that really helps. L2 is optional; R2 as the collector load alone works well. The input filter C1-C2-L1 is a high pass filter to attenuate frequencies below around 3-4MHz, mostly if you have an AM station near you, so thus is also optional if you don't have that problem. Connecting the antenna directly to the base of Q1 through a cap works well too, just offers no filtering.

I found my original Desert Ratt yesterday I built years ago, and will clean it up, tweak it up, etc. later today for bringing it to HamCom. (The LM386 is missing for starters!). Just for those interested, I wound my L3 on a 3-inch piece of a plastic IC shipping tube. I glued a 6-32

nut into the end of the tube with RTV (Super Blue). A 1-1/2 inch long 6-32 bolt goes into this nut, with a 1/4-inch threaded spacer screwed on that butts against the head end of the bolt, which is about 1/4" diameter for mounting a knob. Thus, you turn the knob and this screws the bolt further into (or out of) the IC tube with L3, changing the inductance slightly, and acts as a very nice FINE TUNE control. L3 is then mounted a couple of inches above the copper clad board with heavy buss wire soldered to the board and punched through the ends of the plastic IC tube for aligning it with the front panel hole for the Fine Tune control. It's a real "kluge," but works pretty good. The front panel is clear plastic to reduce hand capacity effects.

Have fun.

72, Paul NA5N

Date: Sun, 9 May 1999 11:52:33 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: elecraft@qth.net, qrp-1@lehigh.edu
Subject: [39980] Let's liven up 80 m: "top band" for QRP?
Message-ID: <v03102800b35b80c6d0d4@[206.169.228.14]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The other evening I was hunting for CW activity on 80 m when I came upon a rather disturbing QSO. One station referred to 80 m (CW) as a "...dead and dying band." The other quickly agreed. Both stations were on the west coast. I believe there is more activity on the east coast, but still this is a sad state of affairs. There seems to be more interest in 160 m than in 80 m these days.

80 m CW was always one of my favorite bands when I was a kid because it was such a challenge. It was never easy for me to get up a good antenna on a suburban lot, and the noise level was high. I still face the same challenges, and I still get a thrill when I work even 2000 miles QRP on this band. (I'll never forget when I worked F5IN on 3505, running an HW8 to a 40m dipole up 20'!) 80 m is also great on Field Day's sunday morning--I've worked 20 to 50 stations in just an hour or so using QRP when the band was quiet.

80 m *is* underutilized, especially on the west coast, and the QRP community may be able to do something about it. The New England QRP Club has done a great job over the years of promoting operating on the color-burst frequency, 3579 kHz, and there seems to be some QRP contest

activity up there on occasion. But there isn't nearly as much general interest in 80 m as one would hope to see.

So, let's take the 80 m challenge and pepper the band with QRP QSOs on evenings when we might have been tempted to limit ourselves to 40 m. Making contact on 40 then moving down to 80 is another possibility.

Perhaps we can stimulate further interest by having a "starting now" Worked-All-States QRP "refresher" contest on this band. A focus on 80m antenna strategies would also be a welcome addition to the technical discussions on QRP-L and in the QRP journals.

Note that the stations I referred to earlier were ragchewing on about 3545 kHz. Most activity I hear on 80 m CW is in the range of 3500-3515 and 3530-3550, so we're less likely to perk up the band if we hang out strictly at 3560 or 3579-80. The QRO operators on 80 m are often very good operators with excellent ears, having put up with static crashes for so many years, and we should be trying to work them, not just each other. (Isn't this one way that lots of QRO ops first find out how much fun QRP might be?)

Personally, I'm going to work on my antenna situation and try to put out a better signal on 80, then setup my K2 to scan 3500-3565 on evenings when I'm not doing anything else. I'm going to set my states counter to zero and go for it. I hope to work some of you in the coming months. (Obviously, 80 m gets noisier in the summer, so this is a both a short-term and long-term prospect!)

A final thought: Perhaps 80 m is "top band" for QRPers. 160 m is traditionally given this honor, but that band is unlikely to ever hold much interest for the average antenna-limited QRP operator. It's a KW world down there.

73,
Wayne Burdick
N6KR

"Outside of a dog, a book is man's best friend. Inside of a dog, it's too dark to read." -- G. Marx

www.elecrafter.com

Date: Sun, 09 May 1999 15:04:09 -0500

From: Peter James <mrpj@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39981] suspend
Message-ID: <3.0.5.32.19990509150409.007f4a30@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Suspend

Date: Sun, 9 May 1999 14:06:14 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [39982] RE: Re..disappointment
Message-ID: <000901be9a4f\$02ebe320\$263cc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Where has our sense of humor gone? I remember a time when we could laugh with others, at ourselves and see the humor in such things. I get teased all the time for my "Texas accent" and you never hear or see me whining about it. Yes I DO have a "Texas accent" and am quite proud of it. Not many people can properly pronounce "Y'all" correctly nor do they know the correct definition.

I'm an engineer and I love engineer jokes.
I'm a southerner and I love jokes about us.
I've been called a "redneck" and I still like those jokes.

Political correctness has robbed us of our humor and self esteem. It has told us that we are not to feel too good about ourselves because it might hurt the feelings of the guy next to you. Nor are we to laugh at ourselves because we might hurt the feelings of the guy that is just like us.

BS!

Kevin, WB5RUE
Native Texan, southerner, redneck and engineer.

You may be a yuppie-redneck if the car on blocks in front of your trailer is a Volvo.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Bob McKellar

Sent: Sunday, May 09, 1999 8:59 AM

To: Low Power Amateur Radio Discussion

Subject: Re..disappointment

Well I just recently subscribed to this list. I was pretty interested because I'm new to QRP. What a major disappointment. I haven't figured

out what Charles did wrong other than to respond to an inappropriate post. " Windows 98 Southern version" or similar topics would be inappropriate on any list as far as I'm concerned. (I thought I was accidentally listening to 75 meter phone.) Also most of the other 45 messages I had this morning didn't have much to do with QRP. Unless of course you count the 20 messages about people staying up nights worried about their QRPP. (whatever that is).

Frank: I think you are too straight laced, or something.

There are lots of good articles on this list.

We need some humor at times.

So please take it cool and see qwhat it offers.

72/73

Bob va3bik

va3bik@rac.ca

Date: Sun, 9 May 1999 12:19:28 -0700 (PDT)

From: RADIO OAKLAND <w6abc@yahoo.com>

To: qrp-1@Lehigh.EDU

Subject: [39983] WTB: MFJ 971 Tuner

Message-ID: <19990509191928.23670.rocketmail@web117.yahoomail.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Hi,

Just another try to see if anyone has one of these

MFJ-971 Tuners for sale.

Want to use it with the MFJ-9030.

Thanks,

73

Jack

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 09 May 1999 15:23:35 -0400
From: david fouchey <dafouchey@home.com>
To: wb5rue@stic.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [39984] Re: Re..disappointment
Message-ID: <3735E0B7.203E04E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kevin, you pegged the nail right on the head. Our sense of Political Correctness has snuffed out our sense of humor, time to raise it from the dead if ya ask me. One thing for sure my Uncle Wally tells the best Polish Jokes in the world...did I mention he's Polish? We need to learn to laugh at ourselves as well as others again.

And do you know what it was like being the lone Yankee in the Deep South where I worked...;-)

Dave WA4EMR/8

Kevin Muenzler WB5RUE wrote:

>
> Where has our sense of humor gone? I remember a time when we could laugh
> with others, at ourselves and see the humor in such things. I get teased
> all the time for my "Texas accent" and you never hear or see me whining
> about it. Yes I DO have a "Texas accent" and am quite proud of it. Not
> many people can properly pronounce "Y'all" correctly nor do they know the
> correct definition.
>
> I'm an engineer and I love engineer jokes.
> I'm a southerner and I love jokes about us.
> I've been called a "redneck" and I still like those jokes.
>
> Political correctness has robbed us of our humor and self esteem. It has
> told us that we are not to feel too good about ourselves because it might
> hurt the feelings of the guy next to you. Nor are we to laugh at ourselves
> because we might hurt the feelings of the guy that is just like us.
>
> BS!
>

> Kevin, WB5RUE
> Native Texan, southerner, redneck and engineer.
>
> You may be a yuppie-redneck if the car on blocks in front of your trailer is
> a Volvo.
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
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> Sent: Sunday, May 09, 1999 8:59 AM
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> post. " Windows 98 Southern version" or similar topics would be
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> about their QRPP. (whatever that is).
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> We need some humor at times.
> So please take it cool and see qwhat it offers.
>
> 72/73
> Bob va3bik
> va3bik@rac.ca

Date: Sun, 09 May 1999 17:12:16 -0400
From: marklori@visuallink.com
To: qrp-1@Lehigh.EDU
Subject: [39985] Max294LPF Source
Message-ID: <3.0.6.32.19990509171216.00796540@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who responded to my query! I have a couple sources to check out now. Wow! This group is THE PLACE to be in ham radio. A bunch of great ops and builders who WILL help out the beginners. Thanks.

Mark

KC4GIA
Winchester, VA

Date: Mon, 19 Apr 1999 04:47:24 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-1@Lehigh.EDU>
Subject: [39986] Dipole
Message-ID: <00a101be8a49\$a2f407a0\$e4e690d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all, I am setting up a dipole with twin lead and want to make sure I am doing my math correctly. My SWL40+ is set for 7110-7140, should I cut it for 7125 in the middle or the max freq at 7140, I am also using a MFJ 971 Tuner!

I got 234 divided by 7.125 = 32.84 which is 39 feet times 2 = 78 feet on 7125

I got 234 divided by 7.140=32.77 which is 38 feet times 2 = 76 feet on 7140

I think I am doing this wrong, but not sure.

Thank you all so much for helping a newbie!

Charles (KC5DXQ)

Date: Sun, 9 May 1999 18:11:04 EDT
From: DYARNES@aol.com
To: n6kr@elecraft.com, elecraft@qth.net, qrp-1@lehigh.edu
Subject: [39987] Re: [Elecraft] Let's liven up 80 m: "top band" for QRP?
Message-ID: <2a980c0f.246761f8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/9/99 6:51:22 PM !!!First Boot!!!, n6kr@elecraft.com writes:

<< 80 m CW was always one of my favorite bands when I was a kid because it was such a challenge. >>

I agree, Wayne, It absolutely was my favorite (and only) band when I first started. I still remember vividly how excited I was (at 13 years of age) when I realized I was working New York state from Oregon with a 579 report (W2PEO--I still remember his call) using my 50 watt homebrew xmtr, a BC-348 receiver, and a dipole. Now, you have to understand, I had great people helping me to get started, but they all had big 500 watt or better AM/CW stations. My expectations weren't all that high when I first started. Some years later, when I got interested in "real" QRP, I quickly discovered I could do it with a couple of watts or less.

Anyway, I'm game for keeping an ear open on that band. Sounds like fun to me. Our timing may be a little off since it is getting close to summer ("noiseville"), but we can work around that O.K.

Dave W7AQK

Date: Sun, 09 May 1999 18:03:43 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [39988] Re: Dipole
Message-ID: <67668@w4bkx.ampr.org>

Charles KC5DXQ asks about a dipole fed with "twin-lead" and a balanced tuner. I just put as much wire as I can, as high as I can and let it play as it will. However, as the wires get longer (multiples of 1/4 and 1/2 wavelengths and longer) the radiation patterns develop lobes. This can be beneficial. Imagine the "cloverleaf" pattern of a 1 wavelength harmonic antenna and orient the lobes toward the desired areas i.e. NE/SW/NW/SE. The radiation is maximized toward Europe/So.Pacific and also lobes toward JA/So.Africa and the Carriibbean. So, from Florida there isn't as much radiation in the direction of So.California and Central Africa. I can live with that. <grin>
The question of cutting for a 40m freq. I say cut it for the lowest freq. you intend to operate (plan for the upgrades in license too.) 7001 Kc. ??? and remember, if the dipole is a "flat-top", there will be deep nulls off the ends of the wires. If the antenna is Inverted Vee - it will be mostly omnidirectional. Wire antennas are simple and easy to put up and take down.

GL es DX de Scott / W4PJ

Date: Sun, 09 May 1999 22:30:25 +0000

From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [39989] Re: Dipole
Message-ID: <4.1.19990509222040.01f9d8b0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am certainly no gooroo (at anything), but personally, I use the Handbook (ARRL) formula for a wire dipole $l = 468/f$

So, $468/7.125 = 65.68$ or 32.84 for each $1/4$ wave

Then, I cut it looong as this is like a haircut, easier to take off than add.

Finally, (call me an empiricist) I trim for resonance as desired. I usually use an SWR analyzer with alligator clips to connect right at the feedpoint or use the rig at the end of the coax. You may not be using coax? And intending to always use the tuner? Anyway, keep it long as you will want to move lower in the band (7040 and below) some day.

If you are always using a tuner, cut it for 7040 ($468/7.040 = 66.5'$) and you will be able to easily match that.

Just what I do here.

>Hi all, I am setting up a dipole with twin lead and want to make sure I am
>doing my math correctly. My SWL40+ is set for 7110-7140, should I cut it
>for 7125 in the middle or the max freq at 7140, I am also using a MFJ 971
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>
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>I got 234 divided by 7.140=32.77 which is 38 feet times 2 = 76 feet on 7140
>
>I think I am doing this wrong, but not sure.
>
>Thank you all so much for helping a newbie!

--
Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Mon, 19 Apr 1999 05:35:28 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [39990] QRPp

Message-ID: <00c201be8a50\$59be19c0\$e4e690d1@cdhamel>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi all, I haven't got my QRPp in Houston yet, but maybe its because I'm a new member as of 3 weeks ago. Oh well, I will be patiently waiting for what I here is a great issue.

73's

Charles

Date: Sun, 9 May 1999 18:55:22 -0400

From: "Tim Cook" <timcook@erinet.com>

To: "QRP" <qrp-l@lehigh.edu>

Subject: [39991] OHR DD-1 Display - SOLD

Message-ID: <013d01be9a6f\$0538abc0\$a77f5acf@timcook.erinet.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Thanks to the many who inquired, the DD-1 was sold almost immediately after posting it..

Tim NZ8J

End of QRP-L Digest 1452

